

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086438.D
 Acq On : 27 Apr 2016 22:01
 Operator : UM/SJ
 Sample : H2741-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Manual Integrations
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Quant Time: Apr 28 01:55:11 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	113977	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	454077	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	178300	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	270810	20.00	ng	0.00
75) Chrysene-d12	13.95	240	252285	20.00	ng	-0.01
86) Perylene-d12	15.37	264	231470	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	410794	62.17	ng	0.00
7) Phenol-d6	6.43	99	532845	57.78	ng	-0.01
23) Nitrobenzene-d5	7.37	82	342747	40.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	81025	43.09	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	489251	41.53	ng	-0.01
78) Terphenyl-d14	12.91	244	330843	28.89	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.56	163	111954	8.34	ng	# 99
70) Phenanthrene	11.35	178	166900	11.74	ng	99
71) Anthracene	11.40	178	34711m	2.29	ng	
74) Fluoranthene	12.53	202	322746	22.50	ng	93
77) Pyrene	12.76	202	274677	15.11	ng	98
80) Benzo(a)anthracene	13.94	228	147518	10.97	ng	98
82) Chrysene	13.97	228	143535m	9.82	ng	
85) Indeno(1,2,3-cd)pyrene	16.72	276	50511	4.66	ng	94
87) Benzo(b)fluoranthene	14.97	252	169088m	12.42	ng	
88) Benzo(k)fluoranthene	14.98	252	68276m	4.81	ng	
89) Benzo(a)pyrene	15.30	252	107648	8.37	ng	# 93
91) Benzo(a,h,i)perylene	17.13	276	44409	4.21	ng	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

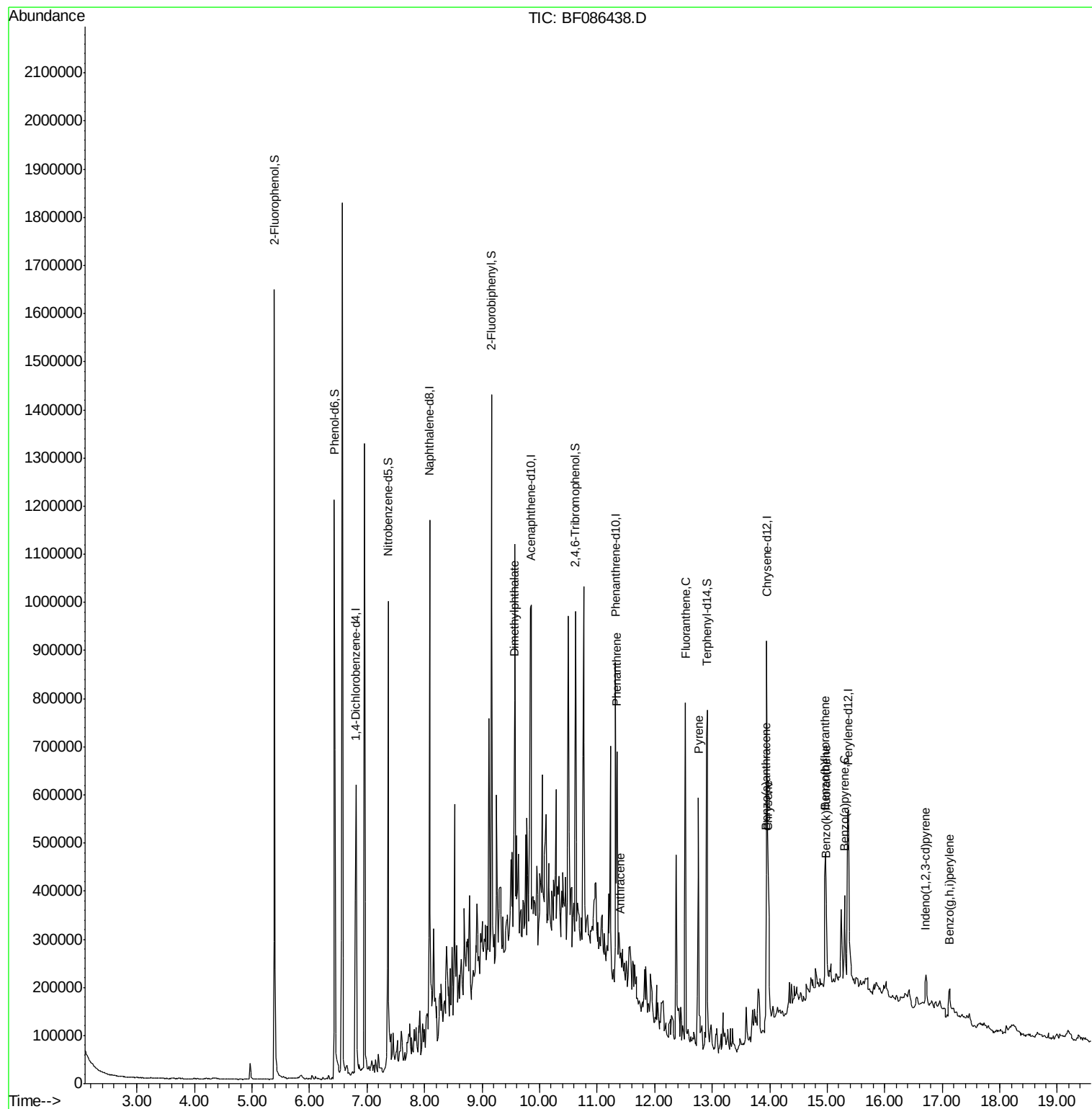
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086438.D
Acq On : 27 Apr 2016 22:01
Operator : UM/SJ
Sample : H2741-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

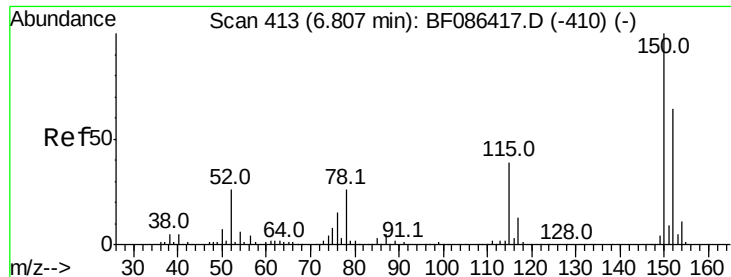
Instrument :
BNA_F
ClientSampled :
WC-1

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Quant Time: Apr 28 01:55:11 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

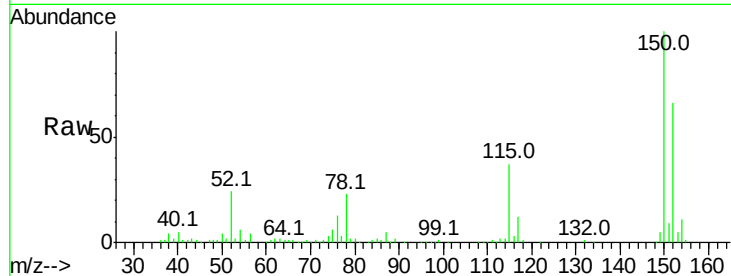
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF086438.D
Acq: 27 Apr 2016 22:01

Instrument :
BNA_F
ClientSampleId :
WC-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	125.8	188.6
115	55.7	51.5	77.3

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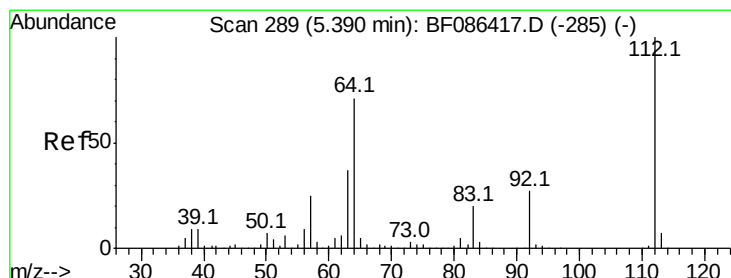
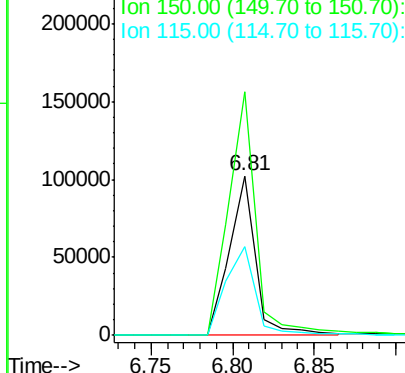
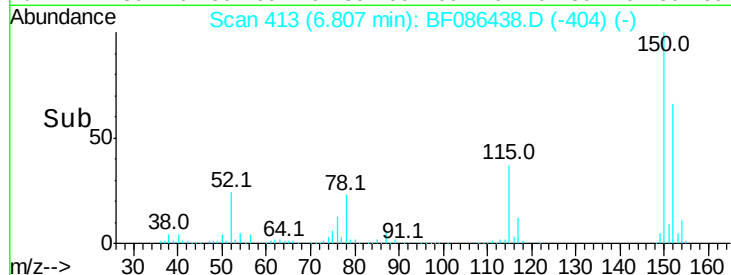


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

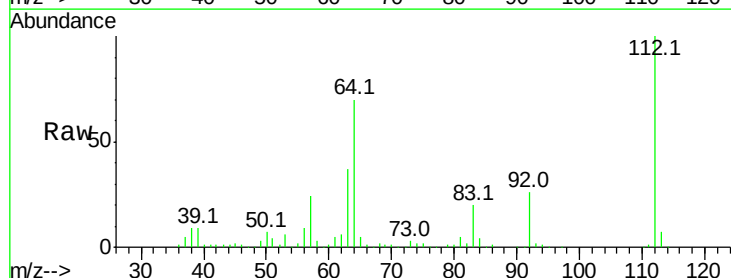
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 62.17 ng
RT: 5.39 min Scan# 289
Delta R.T. 0.00 min
Lab File: BF086438.D
Acq: 27 Apr 2016 22:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.9	52.1	78.1
63	36.9	25.7	38.5

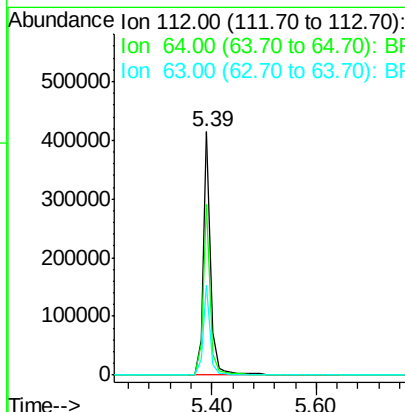
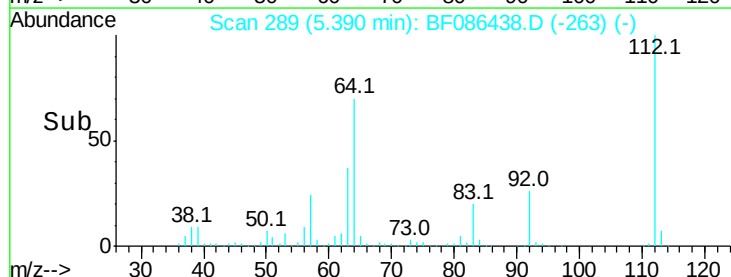


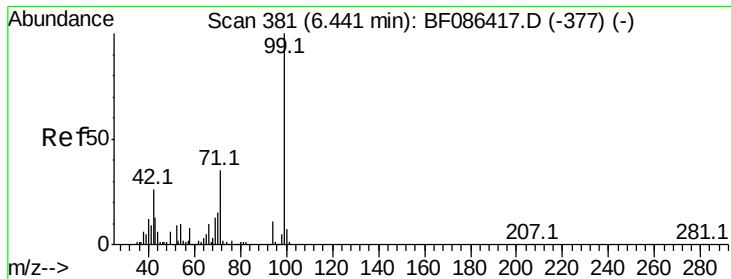
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 57.78 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF086438.D

Acq: 27 Apr 2016 22:01

Instrument :

BNA_F

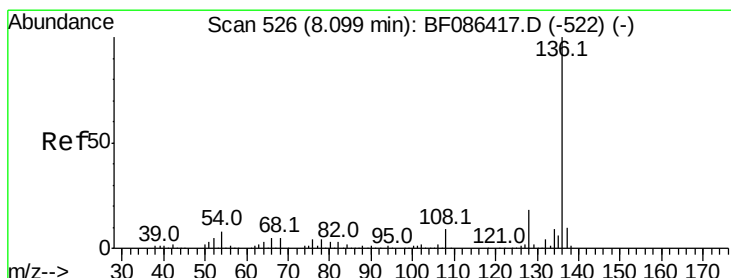
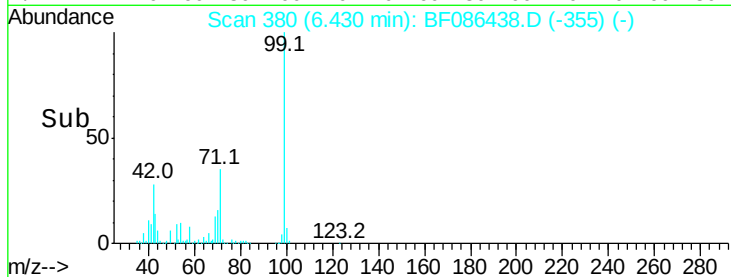
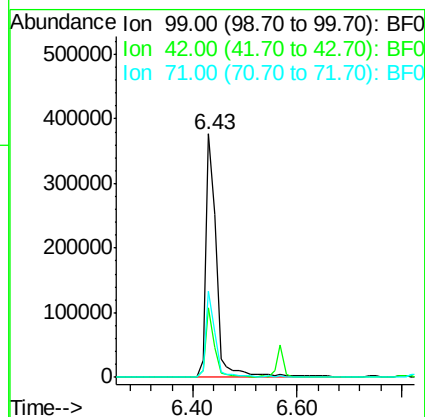
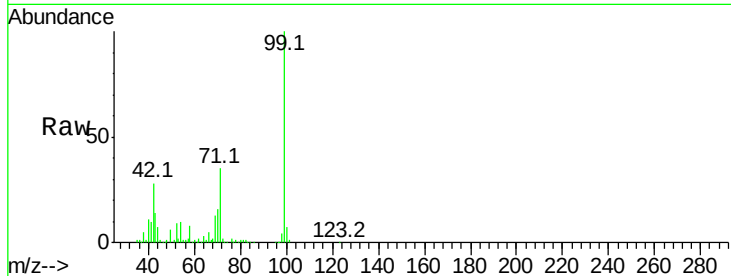
ClientSampled :

WC-1

Tot Ion:	99	Resp:	532845
Ion Ratio	Lower	Upper	
99	100		
42	28.5	13.6	20.4#
71	35.3	24.6	36.8

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#21

Naphthalene-d8

Concen: 20.00 ng

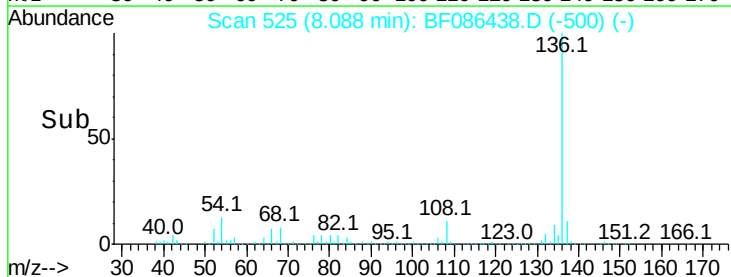
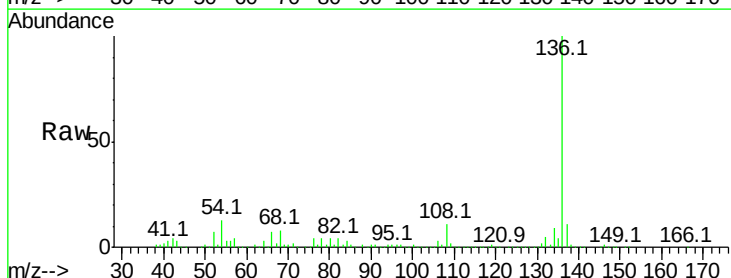
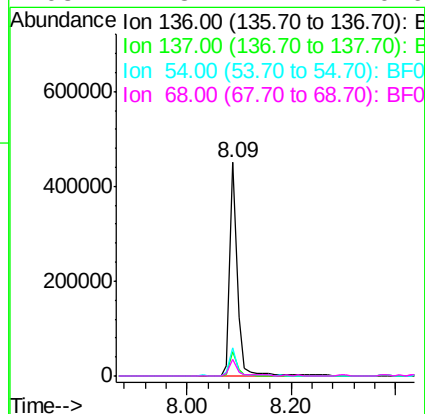
RT: 8.09 min Scan# 525

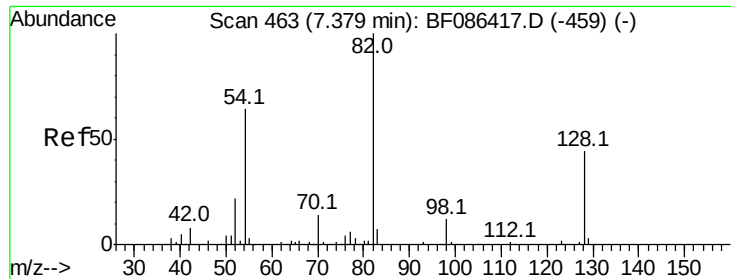
Delta R.T. -0.01 min

Lab File: BF086438.D

Acq: 27 Apr 2016 22:01

Tgt Ion:	136	Resp:	454077
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.8	13.2
54	13.4	5.0	7.4#
68	7.8	4.4	6.6#





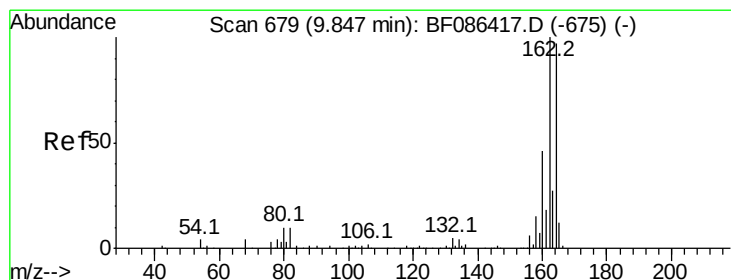
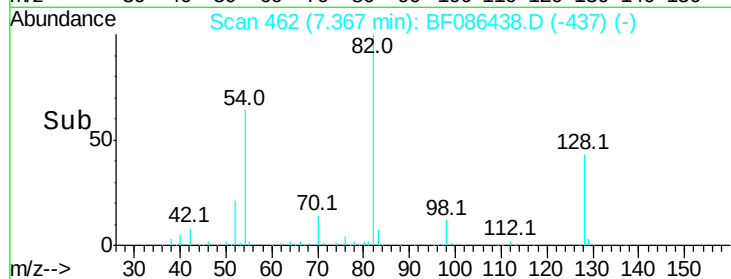
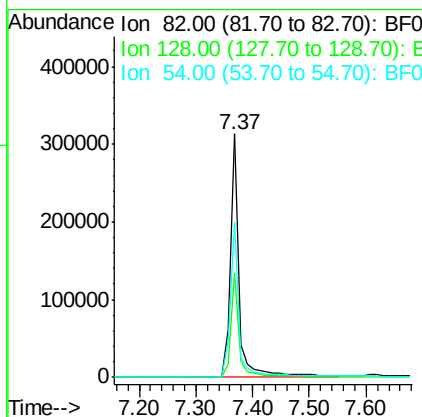
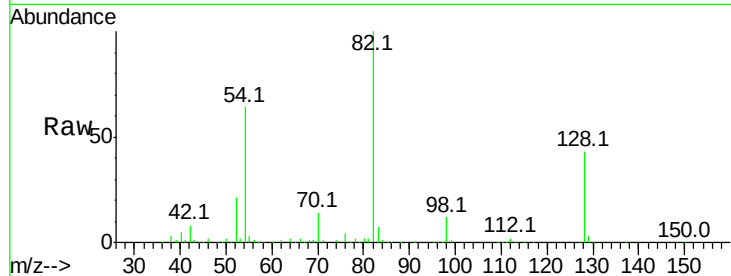
#23
 Nitrobenzene-d5
 Concen: 40.69 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF086438.D
 Acq: 27 Apr 2016 22:01

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.7	40.6	61.0	
54	63.9	38.1	57.1	

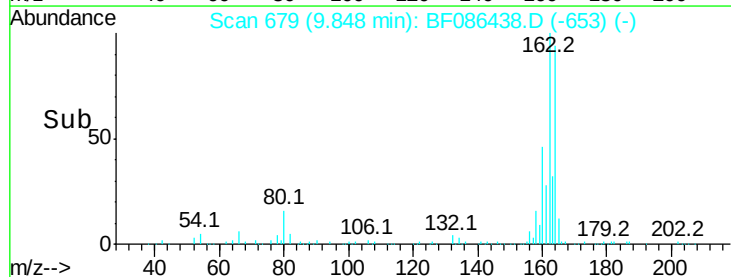
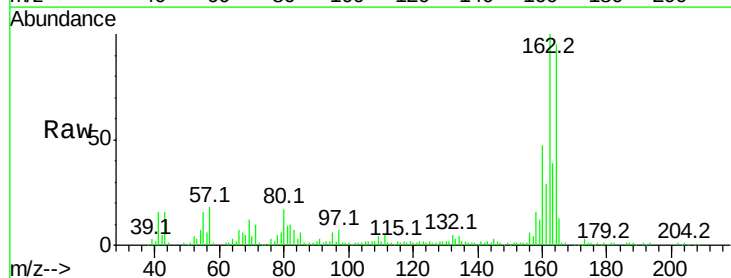
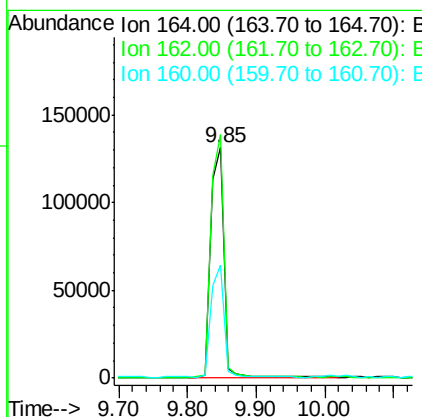
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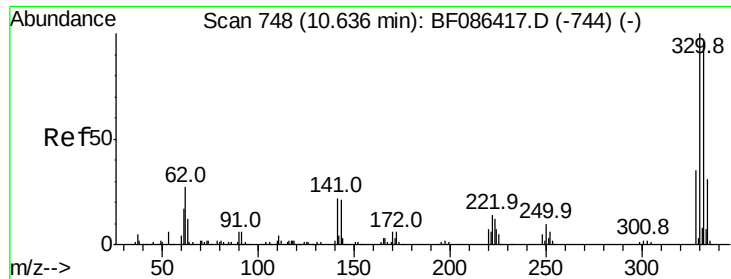
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: BF086438.D
 Acq: 27 Apr 2016 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.7	82.8	124.2	
160	49.3	36.9	55.3	





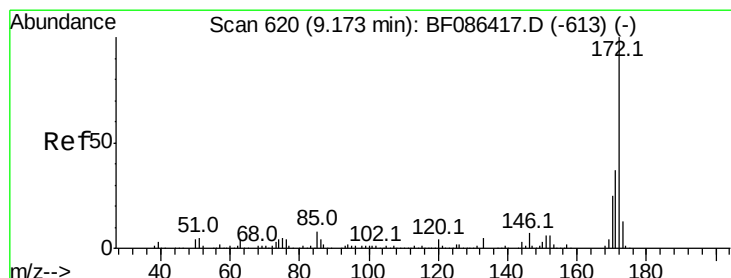
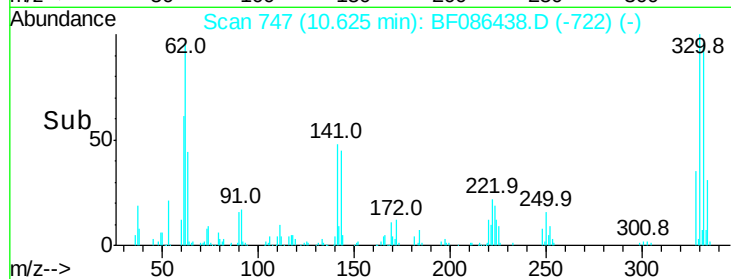
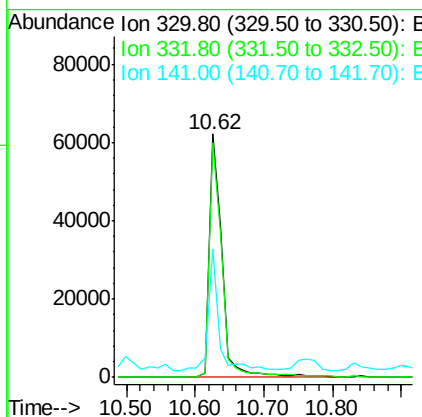
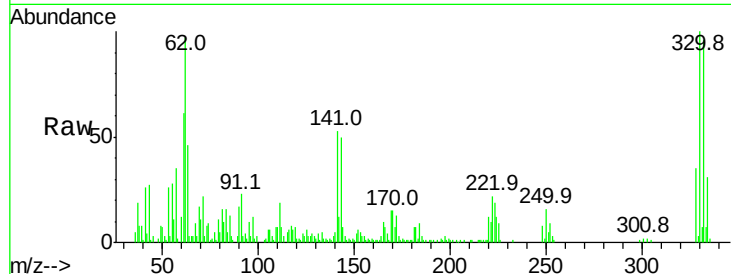
#41
 2,4,6-Tribromophenol
 Concen: 43.09 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF086438.D
 Acq: 27 Apr 2016 22:01

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tot Ion	Ratio	Resp	Lower	Upper
330	100	81025		
332	96.3		79.0	118.4
141	39.3		31.2	46.8

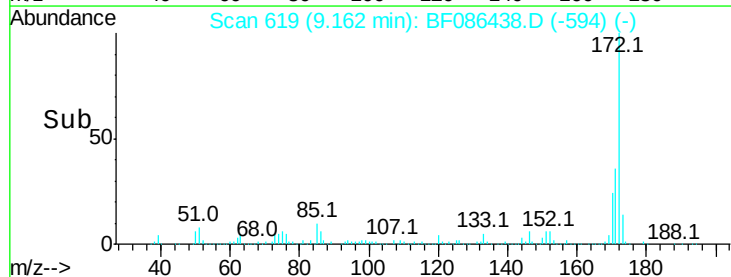
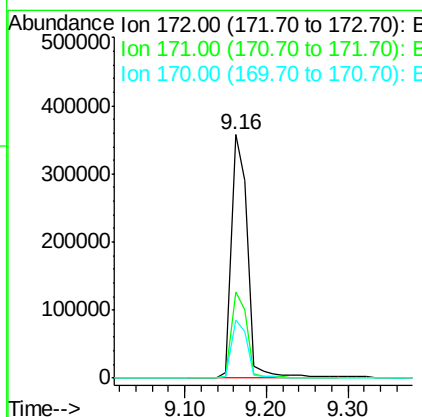
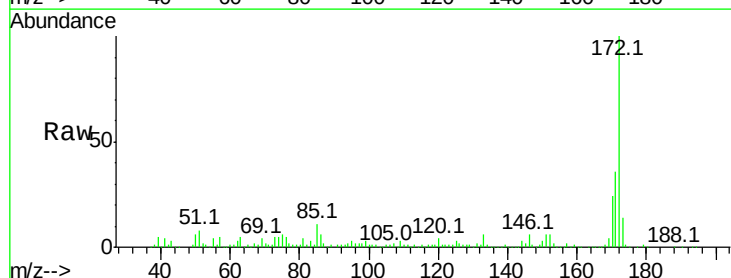
Manual Integrations
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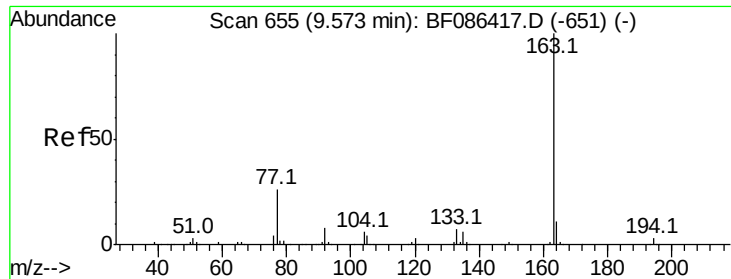
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#44
 2-Fluorobiphenyl
 Concen: 41.53 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF086438.D
 Acq: 27 Apr 2016 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	489251		
171	35.6		29.0	43.6
170	23.7		19.8	29.8





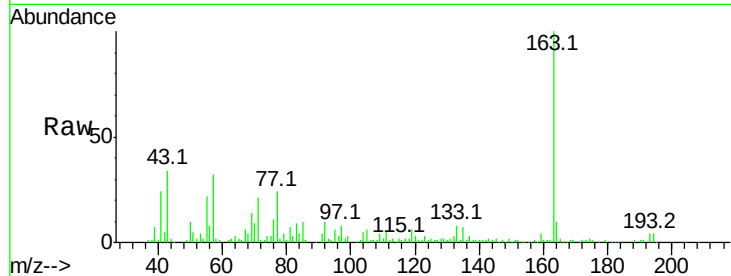
#49
Dimethylphthalate
Concen: 8.34 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF086438.D
Acq: 27 Apr 2016 22:01

Instrument :
BNA_F
ClientSampleId :
WC-1

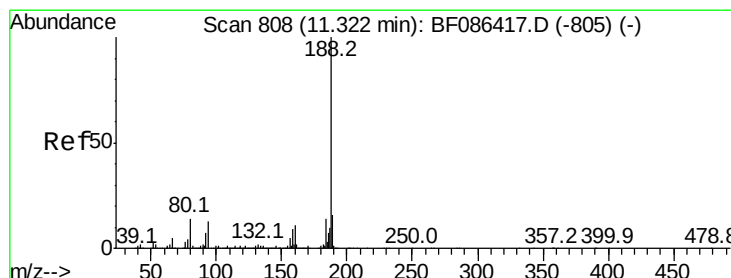
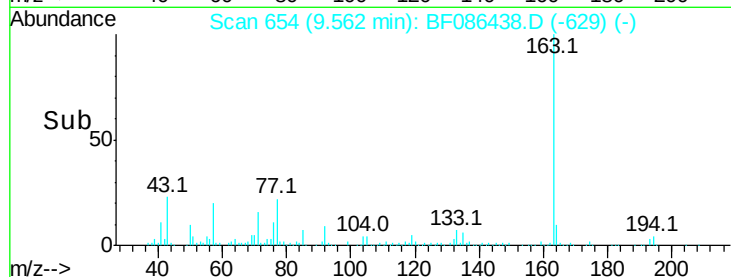
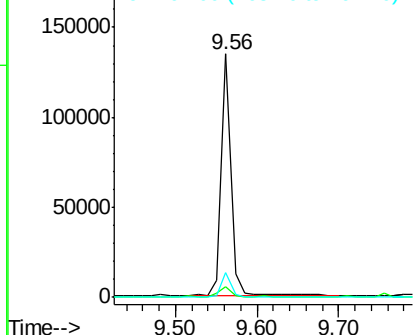
Tot Ion	Ratio	Resp	Lower	Upper
163	100	111954		
194	4.2	2.6	4.0#	
164	10.2	8.2	12.4	

Manual Integrations
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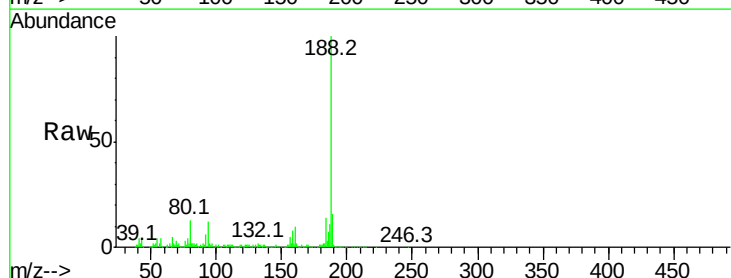


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

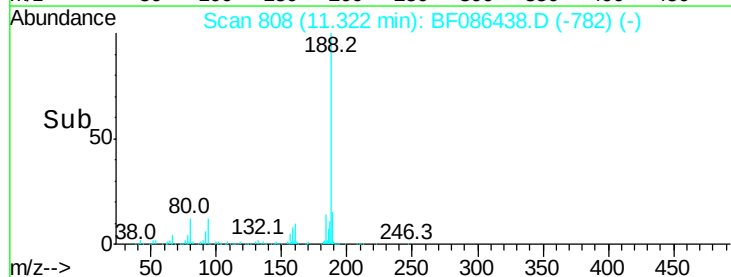
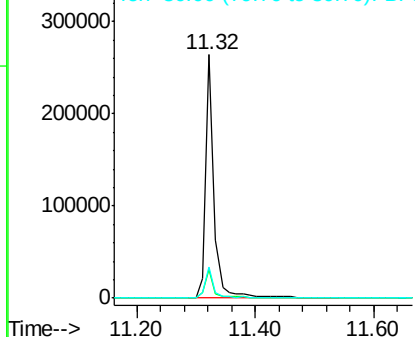


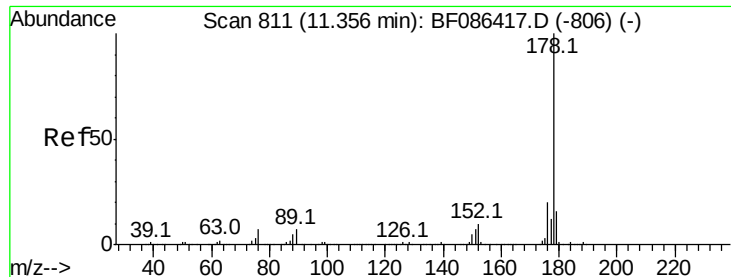
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF086438.D
Acq: 27 Apr 2016 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	270810		
94	11.8	6.8	10.2#	
80	12.7	7.1	10.7#	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 11.74 ng

RT: 11.35 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF086438.D

Acq: 27 Apr 2016 22:01

Instrument :

BNA_F

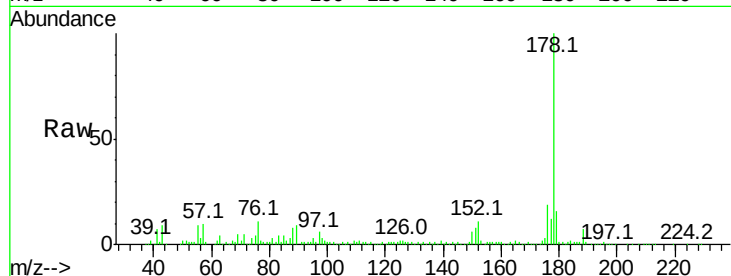
ClientSampleId :

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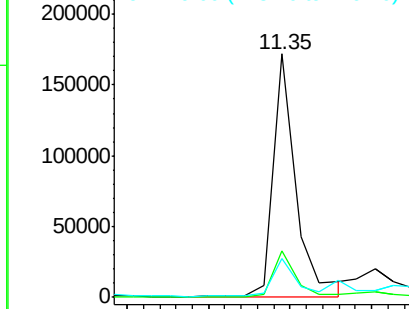
Tot Ion:178	Resp:	166900
Ion Ratio	Lower	Upper
178	100	
176	19.2	16.0 24.0
179	15.7	12.6 18.8

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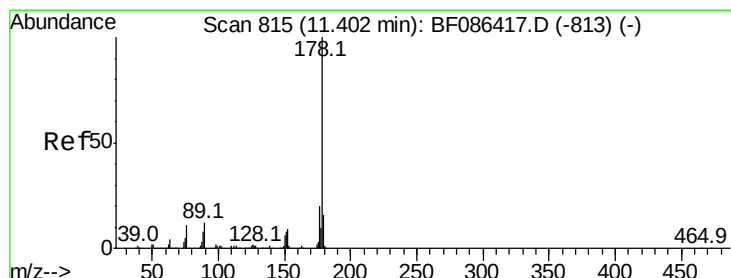
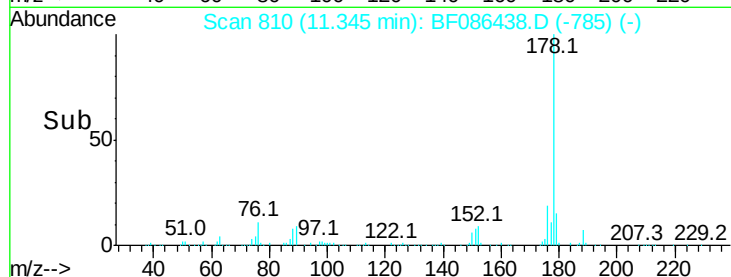
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->



#71

Anthracene

Concen: 2.29 ng m

RT: 11.40 min Scan# 815

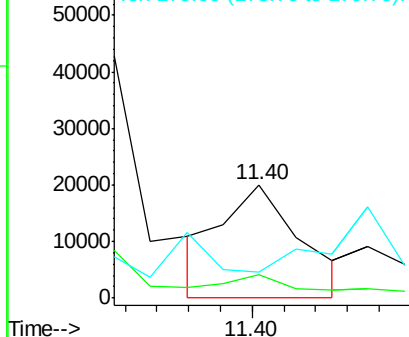
Delta R.T. 0.00 min

Lab File: BF086438.D

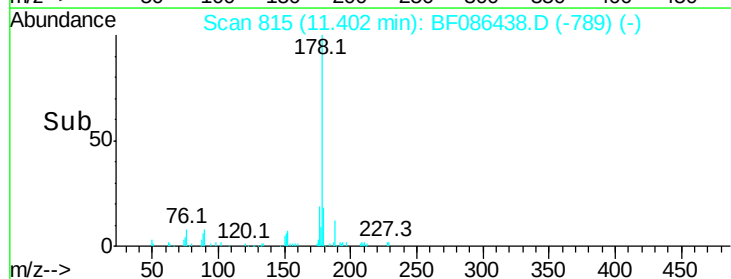
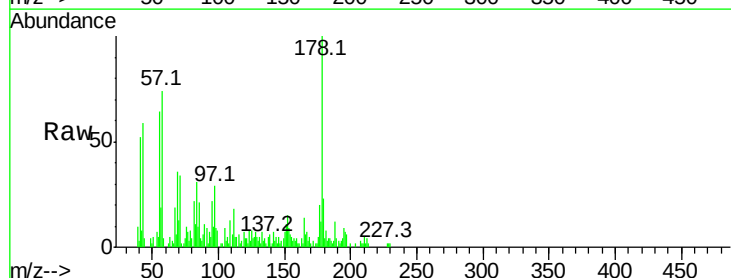
Acq: 27 Apr 2016 22:01

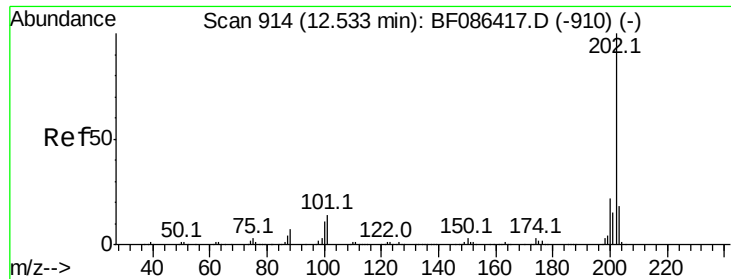
Tgt Ion:178	Resp:	34711
Ion Ratio	Lower	Upper
178	100	
176	20.3	15.6 23.4
179	22.9	12.7 19.1#

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->





#74

Fluoranthene

Concen: 22.50 ng

RT: 12.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF086438.D

Acq: 27 Apr 2016 22:01

Instrument :

BNA_F

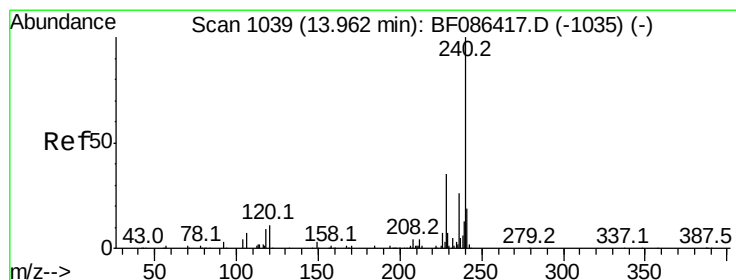
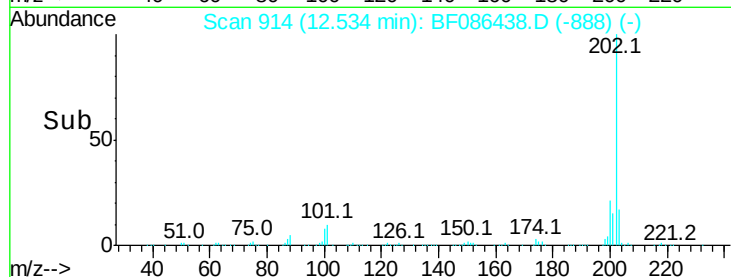
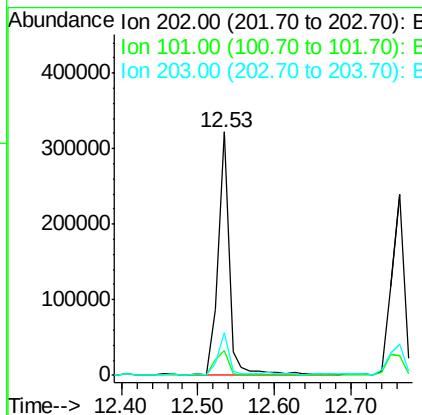
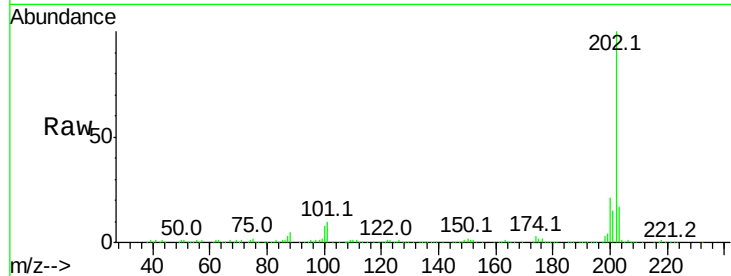
ClientSampleId :

WC-1

Tot Ion:	202	Resp:	322746
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	35.4
203	17.4	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

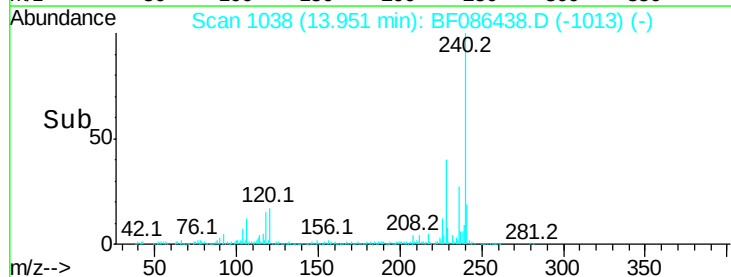
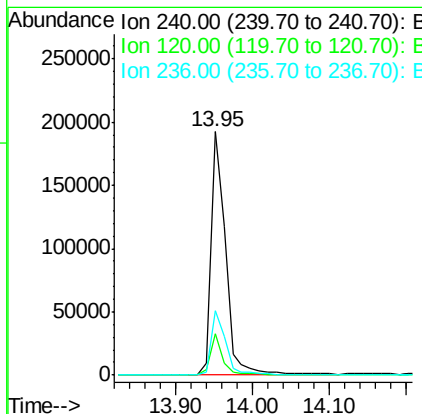
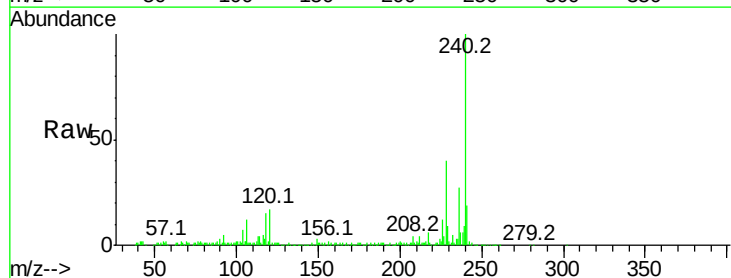
RT: 13.95 min Scan# 1038

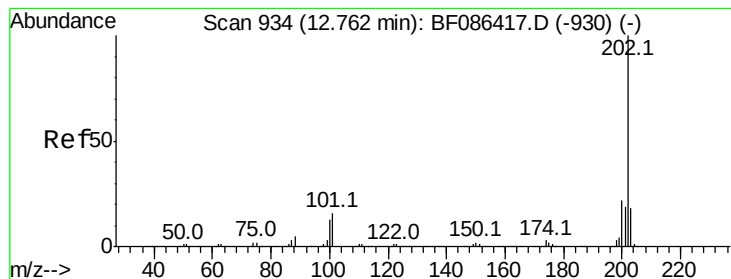
Delta R.T. -0.01 min

Lab File: BF086438.D

Acq: 27 Apr 2016 22:01

Tgt Ion:	240	Resp:	252285
Ion Ratio	Lower	Upper	
240	100		
120	16.9	11.2	16.8#
236	26.6	21.2	31.8





#77

Pvrene

Concen: 15.11 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF086438.D

Acq: 27 Apr 2016 22:01

Instrument :

BNA_F

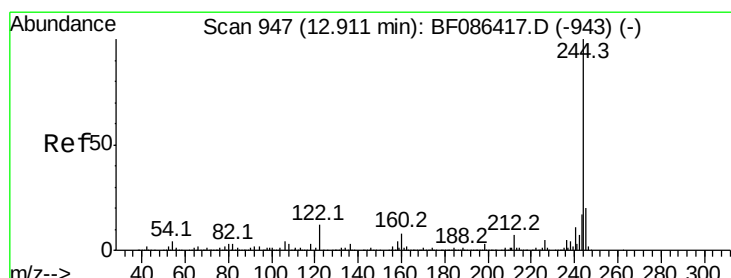
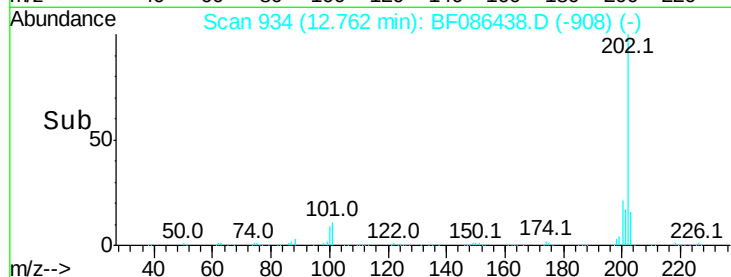
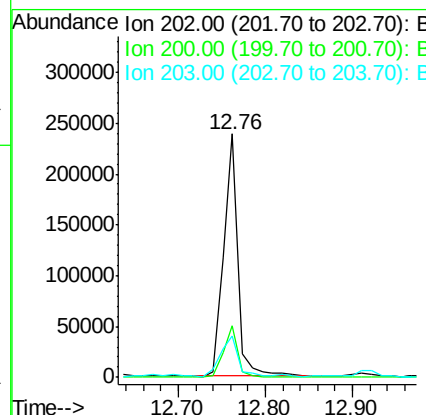
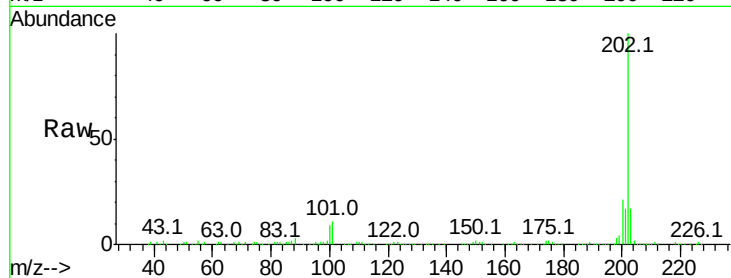
ClientSampleId :

WC-1

Tot Ion:	202	Resp:	274677
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.7	26.5
203	17.0	14.2	21.4

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#78

Terphenyl-d14

Concen: 28.89 ng

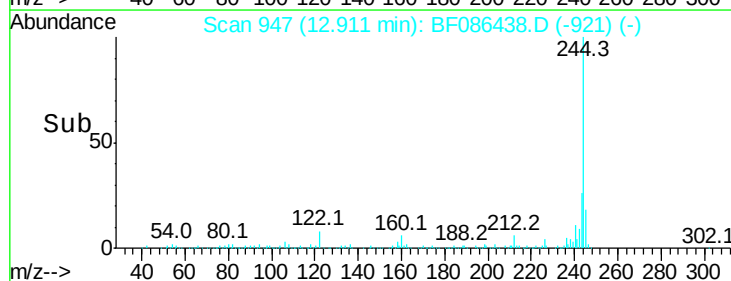
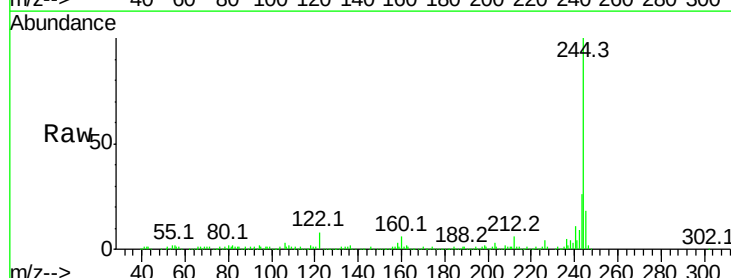
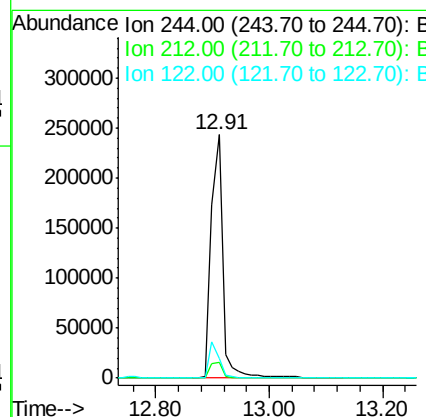
RT: 12.91 min Scan# 947

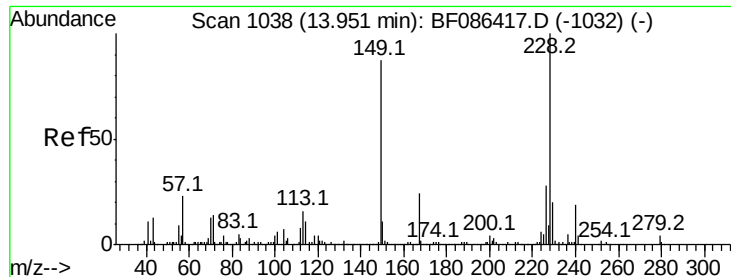
Delta R.T. 0.00 min

Lab File: BF086438.D

Acq: 27 Apr 2016 22:01

Tgt Ion:	244	Resp:	330843
Ion Ratio	Lower	Upper	
244	100		
212	6.4	6.2	9.2
122	8.2	12.0	18.0#





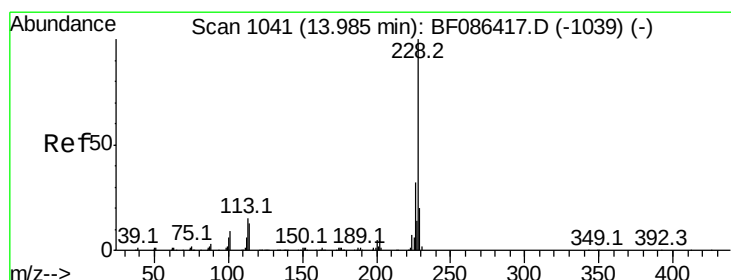
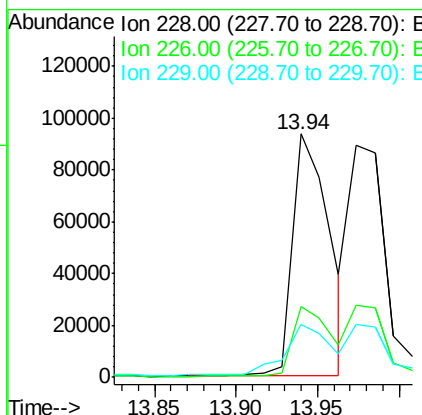
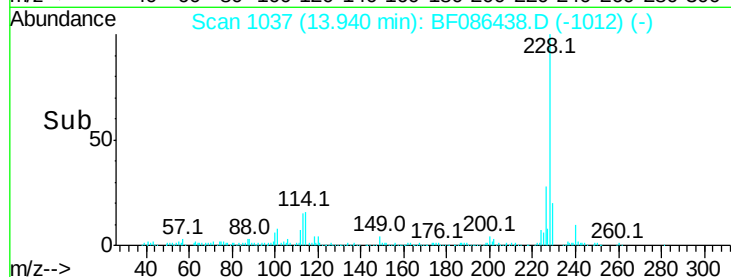
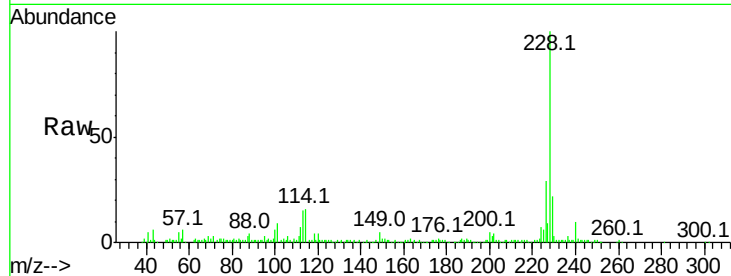
#80
Benzo(a)anthracene
Concen: 10.97 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF086438.D
Acq: 27 Apr 2016 22:01

Instrument :
BNA_F
ClientSampleId :
WC-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.5	33.7
229	21.5	16.6	25.0

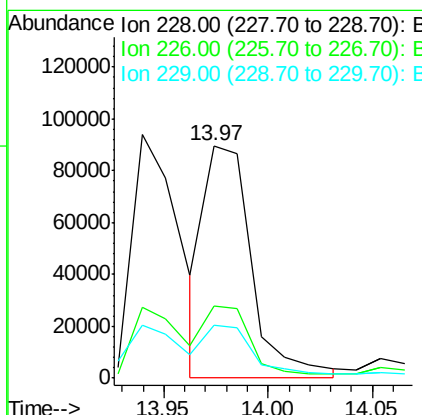
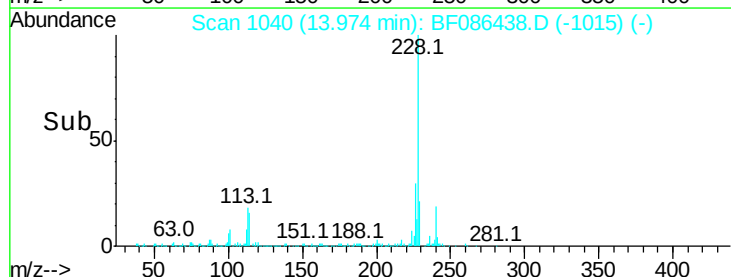
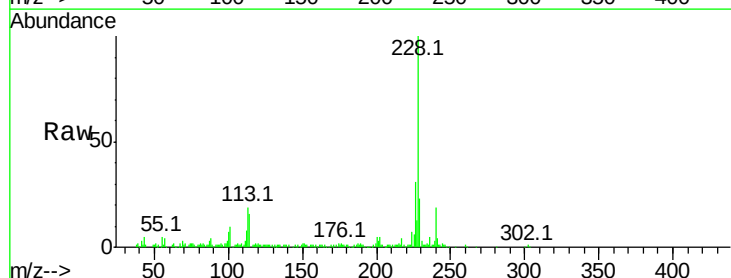
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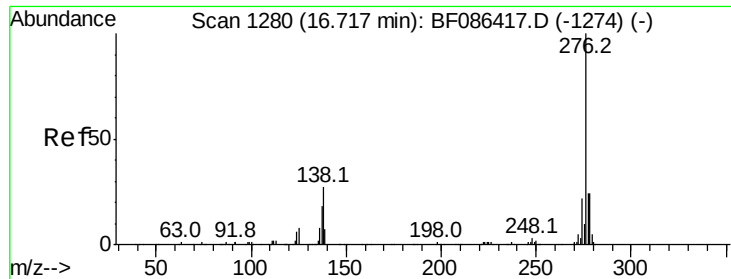
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#82
Chrysene
Concen: 9.82 ng m
RT: 13.97 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF086438.D
Acq: 27 Apr 2016 22:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.4	36.6
229	22.7	15.8	23.8





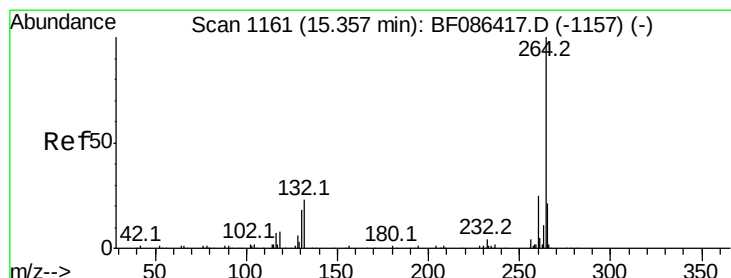
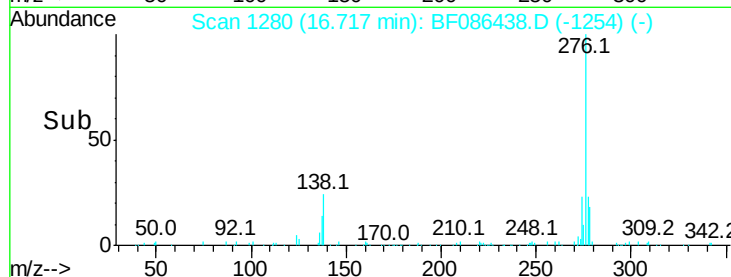
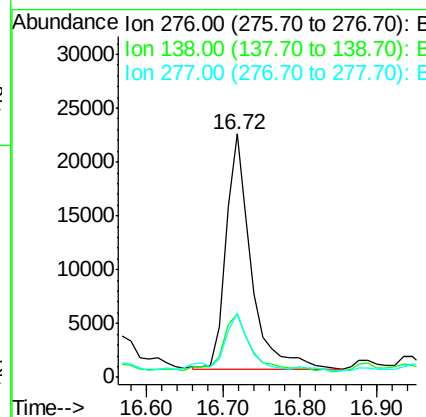
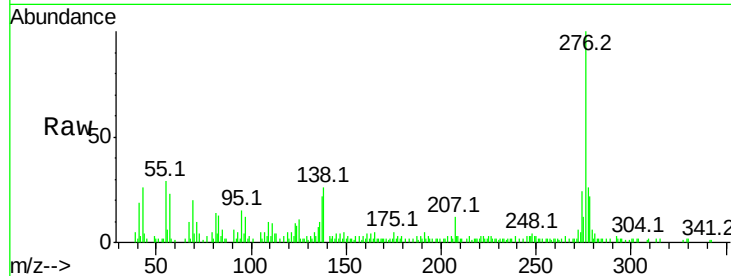
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.66 ng
 RT: 16.72 min Scan# 1280
 Delta R.T. 0.00 min
 Lab File: BF086438.D
 Acq: 27 Apr 2016 22:01

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.6	25.6	38.4
277	23.3	20.5	30.7

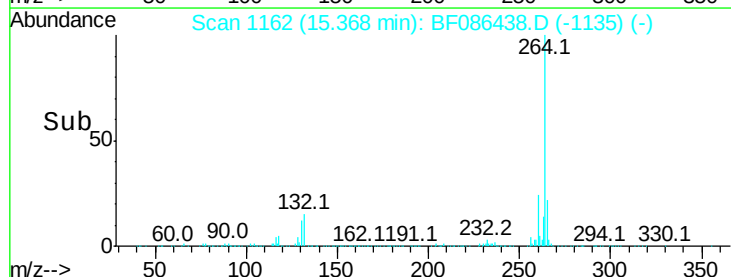
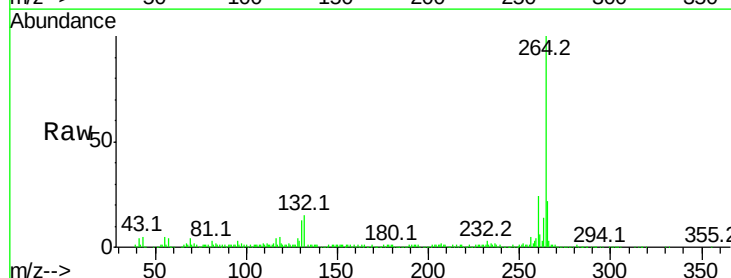
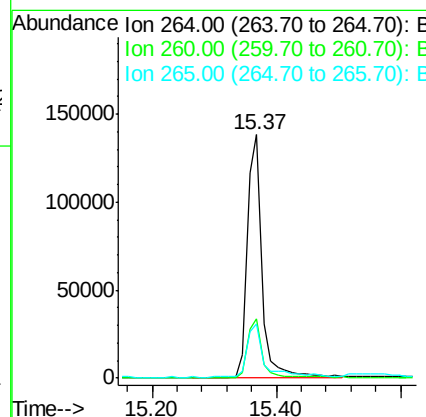
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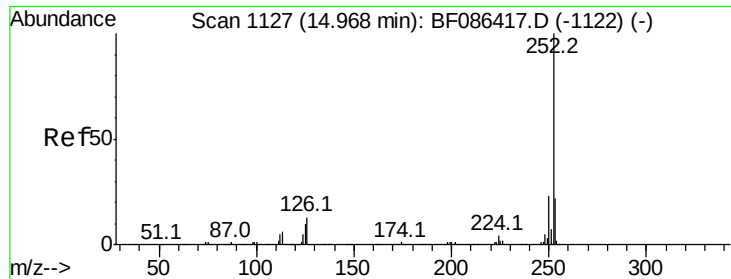
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: BF086438.D
 Acq: 27 Apr 2016 22:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	22.1	17.3	25.9





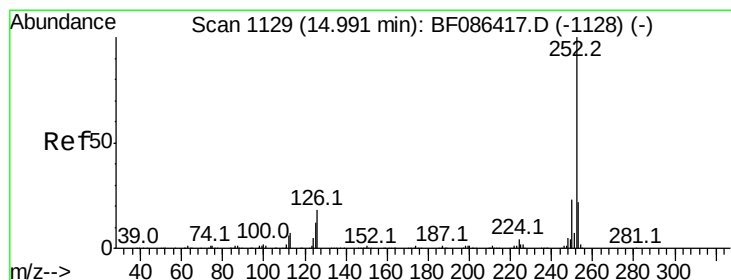
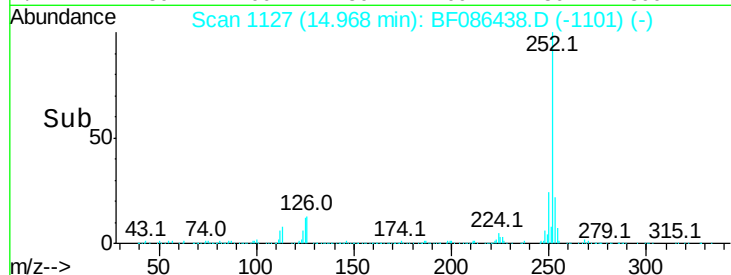
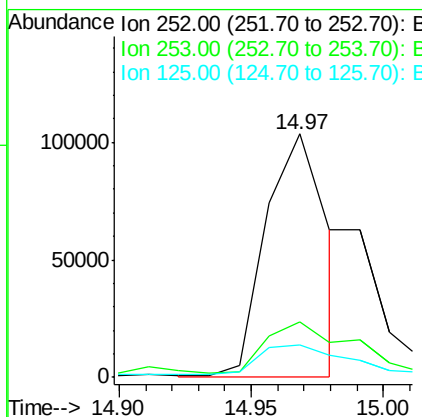
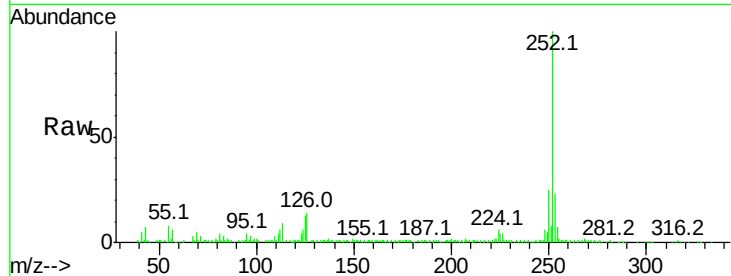
#87
Benzo(b)fluoranthene
Concen: 12.42 ng m
RT: 14.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF086438.D
Acq: 27 Apr 2016 22:01

Instrument :
BNA_F
ClientSampleId :
WC-1

Tot Ion	Ratio	Resp	Lower	Upper
252	100	169088		
253	23.0		17.8	26.6
125	13.5		11.4	17.0

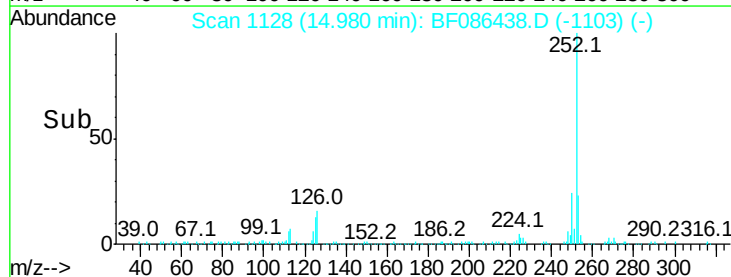
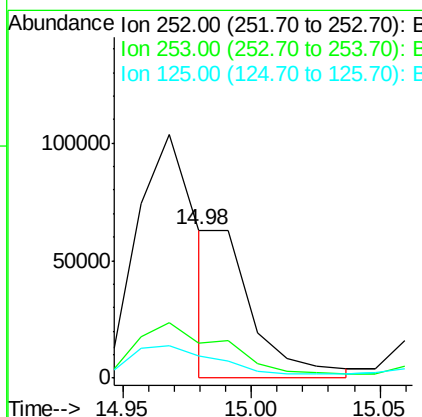
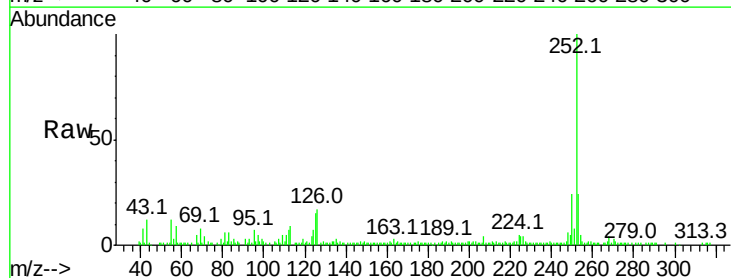
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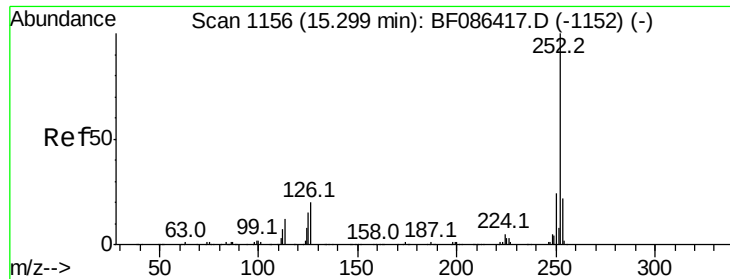
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#88
Benzo(k)fluoranthene
Concen: 4.81 ng m
RT: 14.98 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF086438.D
Acq: 27 Apr 2016 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	68276		
253	23.9		17.8	26.6
125	14.7		9.1	13.7#





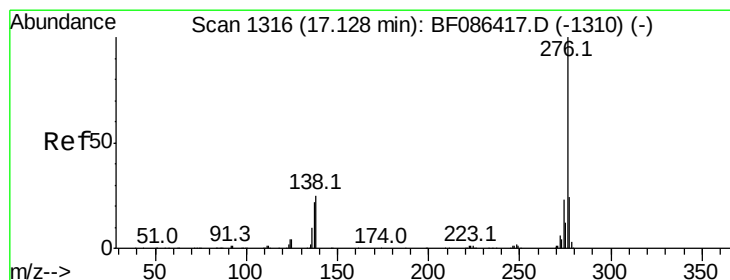
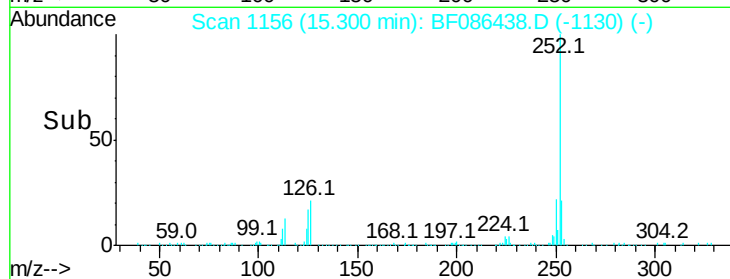
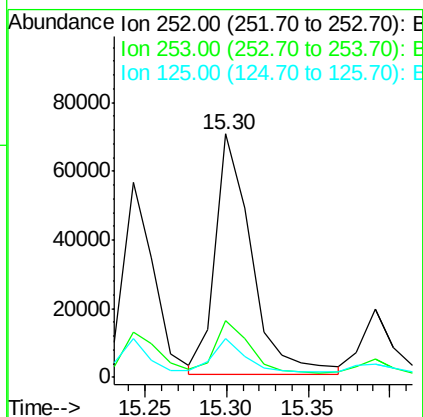
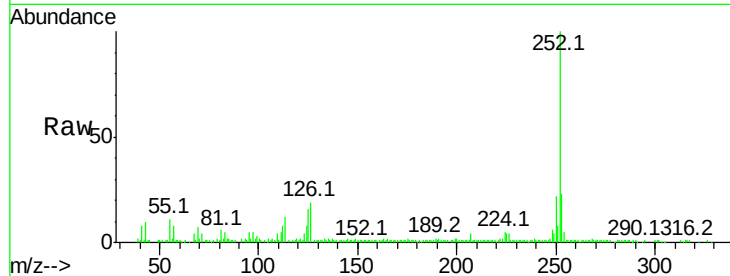
#89
Benzo(a)pyrene
Concen: 8.37 ng
RT: 15.30 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF086438.D
Acq: 27 Apr 2016 22:01

Instrument :
BNA_F
ClientSampleId :
WC-1

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	23.4	17.2	25.8	
125	16.2	9.0	13.6	

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 4.21 ng
RT: 17.13 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF086438.D
Acq: 27 Apr 2016 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
277	26.0	19.6	29.4	
138	25.2	23.6	35.4	

